

ABSTRACT

A DNA fragment prepared by inserting a translation termination codon into 5' upstream side of the active site of a lethal gene, a transformant selection marker which uses the same, and a vector into which the marker is inserted. Since this lethal gene is used as a gene marker, complete extinction of transformants having no exogenous gene can be achieved, and a transformant selection marker capable of effecting stable amplification of a vector containing an exogenous gene in a host can be obtained. In addition, a vector which can effect accurate and efficient gene analyses by DNA microarray and the like is obtained.